

## EAST Search History

| Ref # | Hits | Search Query                              | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S1    | 0    | "10777757"                                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/27 16:16 |
| S2    | 1    | "10/777757"                               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/27 16:39 |
| S3    | 2    | ("6712194" "6135262").PN.                 | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/28 13:54 |
| S4    | 508  | 198/370.01,370.04,370.05,370.03.<br>ccls. | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 14:51 |
| S5    | 226  | 198/377.02,377.06,377.1,621.3.<br>ccls.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 14:46 |
| S6    | 615  | 209/900.cccls.                            | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 14:46 |
| S7    | 79   | 209/268.cccls.                            | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 14:20 |
| S8    | 286  | 209/698,707,923.cccls.                    | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 14:15 |
| S9    | 706  | 198/831,852,321.cccls.                    | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 16:16 |
| S10   | 0    | 2006/0016737.                             | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 16:16 |
| S11   | 0    | 2006/0016737                              | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 16:16 |
| S12   | 1    | "20060016737"                             | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 16:17 |
| S13   | 1    | "6874614".pn.                             | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 16:17 |
| S14   | 1    | "6193074".pn.                             | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/02/28 16:17 |

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|-----|-----|--|--------------------|----|----|------------------|
| S15 | 100 | (US-20040232056-\$ or<br>US-20050077144-\$ or<br>US-20050274589-\$ or<br>US-20020000531-\$ or<br>US-20040050659-\$ or<br>US-20040079618-\$).did. or<br>(US-6135262-\$ or US-6371032-\$ or<br>US-6082522-\$ or US-5388681-\$ or<br>US-6050390-\$ or US-6247576-\$ or<br>US-5632589-\$ or US-6367610-\$ or<br>US-4003461-\$ or US-4102448-\$ or<br>US-5381882-\$ or US-6360673-\$ or<br>US-4331230-\$ or US-6016640-\$ or<br>US-6044617-\$ or US-6607066-\$ or<br>US-4273506-\$ or US-6152017-\$ or<br>US-4243274-\$ or US-4286828-\$ or<br>US-4295656-\$ or US-4858993-\$ or<br>US-5469793-\$ or US-5743657-\$ or<br>US-6010111-\$ or US-4927006-\$).<br>did. or (US-4278165-\$ or<br>US-4846337-\$ or US-5746301-\$ or<br>US-5836436-\$ or US-5896999-\$ or<br>US-6003865-\$ or US-6112879-\$ or<br>US-6298975-\$ or US-6382392-\$ or<br>US-6736254-\$ or US-6899217-\$ or<br>US-4768638-\$ or US-5209627-\$ or<br>US-6182813-\$ or US-5456567-\$ or<br>US-5657853-\$ or US-3903941-\$ or<br>US-4338838-\$ or US-4522293-\$ or<br>US-4925000-\$ or US-4927311-\$ or<br>US-5024389-\$ or US-5398801-\$ or<br>US-5715137-\$ or US-5715138-\$ or<br>US-6078766-\$ or US-6565066-\$).<br>did. or (US-6712194-\$ or<br>US-4952075-\$ or US-4836739-\$ or<br>US-5810544-\$ or US-4362333-\$ or<br>US-4398860-\$ or US-4575302-\$ or<br>US-4936596-\$ or US-5330147-\$ or<br>US-5489155-\$ or US-5624224-\$ or<br>US-5904404-\$ or US-5911511-\$ or<br>US-6073069-\$ or US-6231294-\$ or<br>US-4166659-\$ or US-4095714-\$ or<br>US-4243238-\$ or US-4251075-\$ or<br>US-4257729-\$ or US-4271887-\$ or<br>US-4275896-\$ or US-4279319-\$ or<br>US-4279604-\$ or US-4286906-\$ or<br>US-4286722-\$ or US-4287634-\$).<br>did. or (US-4295541-\$ or<br>US-4307992-\$ or US-4328536-\$ or<br>US-4331343-\$ or US-4343444-\$ or<br>US-4351571-\$ or US-4363369-\$ or<br>US-4369008-\$ or US-4378179-\$ or<br>US-4378062-\$ or US-4384741-\$ or<br>US-4393959-\$ or US-4397245-\$ or<br>US-4402645-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2007/02/28 16:19 |
|-----|-----|--|--------------------|----|----|------------------|

## EAST Search History

|     |      |  |                        |    |    |                  |
|-----|------|--|------------------------|----|----|------------------|
| S16 | 7    | ("4722430"   "4846335"   "5335767"   "5990437"   "6135262"   "6152280").PN. OR ("6712194").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/28 16:53 |
| S17 | 8    | ("3231066"   "4031998"   "5667054"   "5857555").PN. OR ("6135262").URPN.                         | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/28 16:53 |
| S18 | 30   | ("3669245"   "4139088"   "4378062").PN. OR ("4635785").URPN.                                     | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/28 16:54 |
| S19 | 1846 | 198/377.02,377.06,377.1,621.6, 370.01,370.04,370.05,370.03,831, 852,321.ccis.                    | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/01 10:18 |
| S20 | 1438 | 198/377.02,377.06,377.1,621.6, 370.01,370.04,370.05,370.03,831, 852,321.ccis.                    | US-PGPUB; USPAT        | OR | ON | 2007/08/01 10:18 |
| S21 | 902  | 209/698,707,923,900.ccis.  | US-PGPUB; USPAT        | OR | ON | 2007/08/01 10:19 |
| S22 | 2306 | S20 S21  | US-PGPUB; USPAT        | OR | ON | 2007/08/01 10:19 |
| S23 | 1    | "3880298".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/10 10:32 |
| S24 | 2    | "2860015".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/10 10:33 |
| S25 | 2    | "3231066".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/10 10:34 |
| S26 | 2    | ("5353912" "5642802").pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/10 10:34 |
| S27 | 3    | ("6874614" "6712194" "6193074").pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/10 10:35 |
| S28 | 7    | ("6135262" "6874614" "5857555" "5667054" "6152280" "4635785" "4846335").pn.                      | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/10 10:36 |
| S29 | 16   | S23 S24 S25 S26 S27 S28  | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/10 10:36 |

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|     |      |   |                              |    |    |                  |
|-----|------|---|------------------------------|----|----|------------------|
| S30 | 207  | ( "2594342"   "2609086"   "3034665"   "3096871"   "3167192"   "3231066"   "3265190"   "3269520"   "3327836"   "3360106"   "3395785"   "3419128"   "3435780"   "3463298"   "3491903"   "3510014"   "3563395"   "3589501"   "3647050"   "3662874"   "3669245"   "3696946"   "3725867"   "3817368"   "3827372"   "3848728"   "3871303"   "3913725"   "4004681"   "4031998"   "4089404"   "4102448"   "4139088"   "4143751"   "4174773"   "4233907"   "4378062"   "4399904"   "4413721"   "4461378"   "4509635"   "4586613"   "4635785"   "4722430"   "4724948"   "4726464"   "4729466"   "4744454"   "4787498"   "4846335"   "4856642"   "4938335"   "4961489"   "4982828"   "4984674"   "4989719"   "5009563"   "5018928"   "5054601"   "5086905"   "5137144"   "5244074"   "5255774"   "5285884"   "5335767"   "5348132"   "5353912"   "5372234"   "5381882"   "5407061"   "5427223"   "5429227"   "5435429"   "5445080"   "5477955"   "5489017"   "5611419"   "5632589"   "5662206"   "5664660"   "5667054"   "5857555"   "5990437"   "6135262"   "6152280"   "6253901"   "6712194").PN. OR ("2860015"   "3231066"   "3880298"   "4635785"   "4846335"   "5353912"   "5642802"   "5667054"   "5857555"   "6135262"   "6152280"   "6193074"   "6712194"   "6874614").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/12/10 12:11 |
| S31 | 0    | "02020871"  | EPO                          | OR | ON | 2007/12/10 11:05 |
| S32 | 0    | "2020871"   | EPO                          | OR | ON | 2007/12/10 11:05 |
| S33 | 1    | "02020871"  | EPO;<br>DERWENT              | OR | ON | 2007/12/10 11:05 |
| S34 | 4    | ( "4722430"   "4726464"   "6253901"   "6712194").PN. OR ("6874614").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/12/10 11:21 |
| S35 | 1126 | 209/698,707,923,900.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/12/10 12:11 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S36 | 910  | 209/698,707,923,900.ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2007/12/10 12:11 |
| S37 | 1458 | 198/377.02,377.06,377.1,621.6,<br>370.01,370.04,370.05,370.03,831,<br>852,321.ccls. | US-PGPUB;<br>USPAT   | OR | ON | 2007/12/10 12:12 |
| S38 | 2334 | S36 S37   | US-PGPUB;<br>USPAT   | OR | ON | 2007/12/10 13:08 |
| S39 | 11   | Heitplatz.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/10 13:10 |
| S40 | 11   | Heitplatz   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/10 13:09 |
| S41 | 11   | Heitplatz   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/10 13:11 |
| S42 | 1788 | Heino   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/10 13:12 |
| S43 | 1128 | Heino.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/10 13:10 |
| S44 | 148  | S42 and convey\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/10 13:14 |